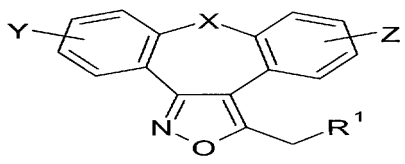
AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A compound of formula **I:**



I

wherein

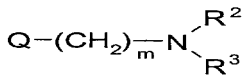
X ~~means~~ is selected from the group consisting of ~~CH_2 or a heteroatom selected from a group consisting of~~ CH_2, O, S, S(=O), S(=O)$_2$ and NR^a, wherein R^a is selected from the group consisting of hydrogen, ~~or a substituent selected from the group consisting of~~ C_1-C_3-alkyl, C_1-C_3-alkanoyl, C_1-C_7-alkoxycarbonyl, C_7-C_{10}-arylmethoxycarbonyl, C_7-C_{10}-aroyl, C_7-C_{10}-arylalkyl, C_3-C_7-alkylsilyl and C_5-C_{10}-alkylsilylalkoxyalkyl;

Y and Z are each independently ~~from each other mean one or more identical or different substituents linked to any available carbon atom~~ selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_2-C_4-alkenyl, C_2-C_4-~~alkinyl~~ alkynyl, halo-C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkanoyl, amino, amino-C_1-C_4-alkyl, C_1-C_4-alkylamino, *N*-(C_1-C_4-alkyl)amino, *N,N*-di(C_1-C_4-alkyl)amino, thiol, C_1-C_4-alkylthio, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl, carboxy, C_1-C_4-alkoxycarbonyl, cyano and nitro;

R^1 ~~means~~ is selected from the group consisting of hydrogen, halogen, ~~optionally substituted~~ C_1-C_7-alkyl optionally substituted with one~~, two, three~~ or more substituents selected from the group consisting of halogen ~~atom~~, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, N-(C_1-C_4) alkylamino, N,N-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4 alkylsulfonyl, sulfinyl and C_1-C_4 alkylsulfinyl; C_2-C_7-alkenyl optionally substituted with one~~, two, three~~ or more halogen atoms; C_2-C_7-~~alkinyl~~ alkynyl; ~~monocyclic or bicyclic aryl group having from 6 to 10 carbon atoms and~~

~~altering double bond and said group can be optionally substituted with one or two substituents selected from the group consisting of fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4)-alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl and can be linked to the rest of the molecule by any available carbon atom via direct bond or via C_1-C_4-alkylene group; monocyclic or bicyclic heteroaryl having the meaning of aromatic and partially aromatic groups of a monocyclic or bicyclic ring with 4 to 12 carbon atoms and at least one of them being heteroatom selected from the group consisting of O, S and N wherein available carbon or nitrogen represent the binding site of the group to the rest of the molecule either via direct bond or via C_1-C_4-alkylene group and where said heteroaryl can be optionally substituted with fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4)-alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl; five-member or six-member fully saturated or partly unsaturated heterocycle group containing at least one hetero atom selected from the group consisting of O, S and N wherein available carbon or nitrogen represent the binding site of the group to the rest of the molecule either via direct bond or via C_1-C_4-alkylene group and where said heterocycle can be optionally substituted with fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4)-alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl;~~ hydroxy; hydroxy-C_2-C_7-alkenyl; hydroxy-C_2-C_7-~~alkinyl~~ alkynyl; C_1-C_7-alkoxy; thiol; thio-C_2-C_7-alkenyl; thio-C_2-C_7-~~alkinyl~~ alkynyl; C_1-C_7-alkylthio; amino; *N*-(C_1-C_7-alkyl)amino; *N,N*-di(C_1-C_7-alkyl)amino; C_1-C_7-alkylamino; amino-C_2-C_7-alkenyl; amino-C_2-C_7-~~alkinyl~~ alkynyl; amino-C_1-C_7-alkoxy; C_1-C_7-alkanoyl; C_7-C_{10}-aroyl; oxo-C_1-C_7-alkyl; C_1-C_7-alkanoyloxy; carboxy; an optionally substituted C_1-C_7-alkyloxycarbonyl; an optionally substituted C_7-C_{10}-aryloxycarbonyl; carbamoyl; *N*-(C_1-C_7-alkyl)carbamoyl; *N,N*-di(C_1-C_7-alkyl)carbamoyl; cyano; cyano-C_1-C_7-alkyl; sulfonyl; C_1-C_7-alkylsulfonyl; sulfinyl; C_1-C_7-alkylsulfinyl; nitro;

~~or~~ a substituent ~~represented with~~ of the formula **II**:



II

wherein

R^2 and R^3 ~~simultaneously or~~ are each independently ~~from each other have the meaning of~~ hydrogen, C_1-C_4-alkyl or aryl ~~have the meaning~~ as as defined above or,

R^2 and R^3 taken together with the nitrogen atom to which they are attached form an ~~N have the meaning of~~ optionally substituted heterocycle or heteroaryl ~~wherein heterocycle relates to five membere or six membere fully saturated or partly unsaturated heterocycle group containing at least one hetero atom selected from the group consisting of O, S and N and where said heterocycle~~ which can be optionally substituted with one or two substituents ~~which are~~ selected from halogen, C_1-C_4 alkyl, cyano, nitro, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, *N*-(C_1-C_4) alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4 alkylsulfonyl, sulfinyl, and C_1-C_4 alkylsulfinyl ~~and heteroaryl relates to aromatic and partially aromatic groups of a monocyclic or bicyclic ring with 4 to 12 carbon atoms and at least one of them being heteroatom selected from the group consisting of O, S and N and where said heteroaryl can be optionally substituted with one or two substituents which are selected from halogen, C_1-C_4 alkyl, cyano, nitro, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, *N* (C_1-C_4) alkylamino , *N,N* di(C_1-C_4-alkyl) amino, sulfonyl, C_1-C_4 alkylsulfonyl, sulfinyl, C_1-C_4 alkylsulfinyl~~; or

a monocyclic or bicyclic aryl group; a monocyclic or bicyclic heteroaryl group; and a heterocycle, wherein the monocyclic or bicyclic aryl group, the monocyclic or bicyclic heteroaryl group and the heterocycle are linked to the thiophene ring via a direct bond or a C1-C4 alkylene group , and are each optionally substituted with one or more substituents selected from the group consisting of fluoro, chloro, C1-C4 alkyl, cyano, nitro, hydroxy, C1-C4 alkoxy, thiol, C1-C4 alkylthio, amino, N-(C 1-C4) alkylamino, N,N-di(C1-C4-alkyl)-amino, sulfonyl, C1-C4 alkylsulfonyl, sulfinyl and C1-C4 alkylsulfinyl;

m ~~has the meaning of~~ is an integer from 1 to 3;

Q ~~has the meaning of~~ is oxygen, sulfur or nitrogen;

and pharmaceutically acceptable salts and solvates thereof.

2. (Currently Amended) A compound according to claim 1 wherein X ~~represents~~ is O or S.

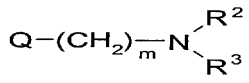
3. (Currently Amended) A compound according to claim 1 wherein Y and Z are each independently ~~from each other mean one or more identical or different substituents linked to any available carbon atom~~ selected from the group consisting of hydrogen, fluorine, chlorine, bromine, C_1-C_4-alkyl, halo-C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkanoyl, amino, amino-C_1-C_4-alkyl, *N*-(C_1-C_4-alkyl)amino, *N,N*-di(C_1-C_4-alkyl)amino, thiol, C_1-C_4-alkylthio, cyano and nitro.

4. (Currently Amended) A compound according to claim 1 wherein:

R^1 ~~has the maning of~~ is selected from the group consisting of hydrogen, halogen, C_1-C_7-alkyl optionally substituted with one~~, two, three~~ or more substituents selected from the group consisting of halogen atom, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, *N*-(C_1-C_4) alkylamino and *N,N*-di(C_1-C_4-alkyl)-amino; ~~monocyclic or bicyclic aryl group having from 6 to 10 carbon atoms and altering double bond and said group can be optionally substituted with one or two substituents selected from the group consisting of fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4) alkylamino and *N,N*-di(C_1-C_4-alkyl)-amino and can be linked to the rest of the molecule by any available carbon atom via direct bond or via C_1-C_4-alkylene group; monocyclic or bicyclic heteroaryl having the meaning of aromatic and partially aromatic groups of a monocyclic or bicyclic ring with 4 to 12 carbon atoms and at least one of them being heteroatom selected from the group consisting of O, S and N wherein available carbon or nitrogen represent the binding site of the group to the rest of the molecule either via direct bond or via C_1-C_4-alkylene group and where said heteroaryl can be optionally substituted with fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4) alkylamino and *N,N*-di(C_1-C_4-alkyl)-amino; five-member or six-member fully saturated or partly unsaturated heterocycle group containing at least one hetero atom selected from the group~~

~~consisting of O, S and N wherein available carbon or nitrogen represent the binding site of the group to the rest of the molecule either via direct bond or via C_1-C_4-alkylene group and where said heterocycle can be optionally substituted with fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4) alkylamino and *N,N*-di(C_1-C_4-alkyl)-amino;~~ hydroxy; C_1-C_7-alkoxy; thiol; C_1-C_7-alkylthio; amino; *N*-(C_1-C_7-alkyl)amino; *N,N*-di(C_1-C_7-alkyl)amino; amino-C_1-C_7-alkoxy; C_1-C_7-alkanoyl; C_7-C_{10}-aroyl; C_1-C_7-alkanoyloxy; an optionally substituted C_1-C_7-alkyloxycarbonyl; an optionally substituted C_7-C_{10}-aryloxycarbonyl; carbamoyl; *N*-(C_1-C_7-alkyl)carbamoyl; *N,N*-di(C_1-C_7-alkyl)carbamoyl; cyano; cyano-C_1-C_7-alkyl; nitro;

~~or~~ a substituent ~~represented with~~ of the formula **II**:



II

wherein

R^2 and R^3 ~~simultaneously or~~ are each independently ~~from each other have the meaning of~~ hydrogen, C_1-C_4-alkyl, aryl ~~have the meaning~~ as described above; or

R^2 and R^3 taken together with the nitrogen atom to which they are attached form a ~~N have the meaning of~~ heterocycle or heteroaryl selected from the group consisting of morpholine-4-yl, piperidine-1-yl, pyrrolidine-1-yl, imidazole-1-yl and piperazine-1-yl; or

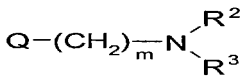
monocyclic or bicyclic aryl group; monocyclic or bicyclic heteroaryl group; and a heterocycle, wherein the monocyclic or bicyclic aryl group, the monocyclic or bicyclic heteroaryl group and the heterocycle are linked to the thiophene ring via a direct bond or a C1-C4 alkylene group , and are each optionally substituted with one or more substituents selected from the group consisting of fluoro, chloro, C1-C4 alkyl, cyano, nitro, hydroxy, C1-C4 alkoxy, thiol, C1-C4 alkylthio, amino, N-(C 1-C4) alkylamino, and N,N-di(C1-C4-alkyl)-amino; and

m ~~has the meaning of an integer from 1 to 3;~~

Q ~~has the meaning of~~ is oxygen.

5. (Currently Amended) A compound according to claim 1 ~~claims 1 or 3~~ wherein Y ~~represents~~ is hydrogen or chlorine and Z represents hydrogen.

6. (Currently Amended) A compound according to claim 1 ~~claims 1 or 4~~ wherein R^1 ~~represents~~ is CH_3, CH_2Br, CH_2OH or a substituent of formula **II**:



II

wherein R^2, R^3, Q and m have the above defined meaning.

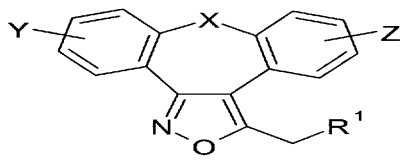
7. (Currently Amended) A compound according to claim 6 wherein ~~symbol~~ m ~~has the meaning of~~ is 2 or 3.

8. (Currently Amended) A compound according to claim 1 selected from the group consisting of:

3-methyl-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;
11-chloro-3-methyl-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;
3-methyl-2,8-dioxa-1-aza-dibenzo[*e,h*]azulene;
3-bromomethyl-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;
3-bromomethyl-11-chloro-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;
3-bromomethyl-2,8-dioxa-1-aza-dibenzo[*e,h*]azulene;
dimethyl-[2-(2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-ethyl]-amine;
dimethyl-[3-(2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-propyl]-amine;
dimethyl-[2-(11-chloro-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-ethyl]-amine;
dimethyl-[3-(11-chloro-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-propyl]-amine;
dimethyl-[2-(2,8-dioxa-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-ethyl]-amine; and
dimethyl-[3-(2,8-dioxa-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-propyl]-amine.

or a pharmaceutacaly acceptable salt or solvate thereof.

9. (Currently Amended) Process for the preparation of the compound of the formula **I**:



I

wherein

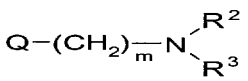
X ~~means~~ is selected from the group consisting of ~~CH_2 or a heteroatom selected from a group consisting of~~ CH_2, O, S, S(=O), $S(=O)_2$ and NR^a, wherein R^a is selected from the group consisting of hydrogen, ~~or a substituent selected from the group consisting of~~ C_1-C_3-alkyl, C_1-C_3-alkanoyl, C_1-C_7-alkoxycarbonyl, C_7-C_{10}-arylmethoxycarbonyl, C_7-C_{10}-aroyl, C_7-C_{10}-arylalkyl, C_3-C_7-alkylsilyl and C_5-C_{10}-alkylsilylalkoxyalkyl;

Y and Z are each independently ~~from each other mean one or more identical or different substituents linked to any available carbon atom~~ selected from the group consisting of hydrogen, halogen, C_1-C_4-alkyl, C_2-C_4-alkenyl, C_2-C_4-~~alkinyl~~ alkynyl, halo-C_1-C_4-alkyl, hydroxy, C_1-C_4-alkoxy, trifluoromethoxy, C_1-C_4-alkanoyl, amino, amino-C_1-C_4-alkyl, C_1-C_4-alkylamino, *N*-(C_1-C_4-alkyl)amino, *N,N*-di(C_1-C_4-alkyl)amino, thiol, C_1-C_4-alkylthio, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl, carboxy, C_1-C_4-alkoxycarbonyl, cyano and nitro;

R^1 ~~means~~ is selected from the group consisting of hydrogen, halogen, ~~optionally substituted~~ C_1-C_7-alkyl optionally substituted with one~~, two, three~~ or more substituents selected from the group consisting of halogen ~~atom~~, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, N-(C_1-C_4) alkylamino, N,N-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4 alkylsulfonyl, sulfinyl and C_1-C_4 alkylsulfinyl; C_2-C_7-alkenyl optionally substituted with one~~, two, three~~ or more halogen atoms; C_2-C_7-~~alkinyl~~ alkynyl; ~~monocyclic or bicyclic aryl group having from 6 to 10 carbon atoms and altering double bond and said group can be optionally substituted with one or two substituents selected from the group consisting of fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4~~

~~alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4) alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl and can be linked to the rest of the molecule by any available carbon atom via direct bond or via C_1-C_4-alkylene group; monocyclic or bicyclic heteroaryl having the meaning of aromatic and partially aromatic groups of a monocyclic or bicyclic ring with 4 to 12 carbon atoms and at least one of them being heteroatom selected from the group consisting of O, S and N wherein available carbon or nitrogen represent the binding site of the group to the rest of the molecule either via direct bond or via C_1-C_4-alkylene group and where said heteroaryl can be optionally substituted with fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4) alkylamino, *N,N*-di(C_1-C_4-alkyl) amino, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl; five-member or six-member fully saturated or partly unsaturated heterocycle group containing at least one hetero atom selected from the group consisting of O, S and N wherein available carbon or nitrogen represent the binding site of the group to the rest of the molecule either via direct bond or via C_1-C_4-alkylene group and where said heterocycle can be optionally substituted with fluoro, chloro, C_1-C_4-alkyl, cyano, nitro, hydroxy, C_1-C_4-alkoxy, thiol, C_1-C_4-alkylthio, amino, *N*-(C_1-C_4) alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4-alkylsulfonyl, sulfinyl, C_1-C_4-alkylsulfinyl;~~ hydroxy; hydroxy-C_2-C_7-alkenyl; hydroxy-C_2-C_7-~~alkinyl~~ alkynyl; C_1-C_7-alkoxy; thiol; thio-C_2-C_7-alkenyl; thio-C_2-C_7-~~alkinyl~~ alkynyl; C_1-C_7-alkylthio; amino; *N*-(C_1-C_7-alkyl)amino; *N,N*-di(C_1-C_7-alkyl)amino; C_1-C_7-alkylamino; amino-C_2-C_7-alkenyl; amino-C_2-C_7-~~alkinyl~~ alkynyl; amino-C_1-C_7-alkoxy; C_1-C_7-alkanoyl; C_7-C_{10}-aroyl; oxo-C_1-C_7-alkyl; C_1-C_7-alkanoyloxy; carboxy; an optionally substituted C_1-C_7-alkyloxycarbonyl; an optionally substituted C_7-C_{10}-aryloxycarbonyl; carbamoyl; *N*-(C_1-C_7-alkyl)carbamoyl; *N,N*-di(C_1-C_7-alkyl)carbamoyl; cyano; cyano-C_1-C_7-alkyl; sulfonyl; C_1-C_7-alkylsulfonyl; sulfinyl; C_1-C_7-alkylsulfinyl; nitro;

~~or~~ a substituent ~~represented with~~ of the formula **II**:



II

wherein

R^2 and R^3 ~~simultaneously or~~ are each independently ~~from each other have the meaning of~~ hydrogen, C_1-C_4-alkyl or aryl ~~have the meaning~~ as as defined above or,

R^2 and R^3 taken together with the nitrogen atom to which they are attached form an ~~N have the meaning of~~ optionally substituted heterocycle or heteroaryl ~~wherein heterocycle relates to five membere or six membere fully saturated or partly unsaturated heterocycle group containing at least one hetero atom selected from the group consisting of O, S and N and where said heterocycle~~ which can be optionally substituted with one or two substituents ~~which are~~ selected from halogen, C_1-C_4 alkyl, cyano, nitro, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, *N*-(C_1-C_4) alkylamino, *N,N*-di(C_1-C_4-alkyl)-amino, sulfonyl, C_1-C_4 alkylsulfonyl, sulfinyl, and C_1-C_4 alkylsulfinyl ~~and heteroaryl relates to aromatic and partially aromatic groups of a monocyclic or bicyclic ring with 4 to 12 carbon atoms and at least one of them being heteroatom selected from the group consisting of O, S and N and where said heteroaryl can be optionally substituted with one or two substituents which are selected from halogen, C_1-C_4 alkyl, cyano, nitro, hydroxy, C_1-C_4 alkoxy, thiol, C_1-C_4 alkylthio, amino, *N* (C_1-C_4) alkylamino , *N,N* di(C_1-C_4-alkyl) amino, sulfonyl, C_1-C_4 alkylsulfonyl, sulfinyl, C_1-C_4 alkylsulfinyl~~; or

a monocyclic or bicyclic aryl group; a monocyclic or bicyclic heteroaryl group; and a heterocycle, wherein the monocyclic or bicyclic aryl group, the monocyclic or bicyclic heteroaryl group and the heterocycle are linked to the thiophene ring via a direct bond or a C1-C4 alkylene group , and are each optionally substituted with one or more substituents selected from the group consisting of fluoro, chloro, C1-C4 alkyl, cyano, nitro, hydroxy, C1-C4 alkoxy, thiol, C1-C4 alkylthio, amino, N-(C 1-C4) alkylamino, N,N-di(C1-C4-alkyl)-amino, sulfonyl, C1-C4 alkylsulfonyl, sulfinyl and C1-C4 alkylsulfinyl;

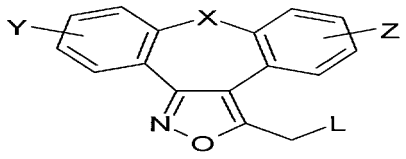
m ~~has the meaning of~~ is an integer from 1 to 3;

Q ~~has the meaning of~~ is oxygen, sulfur or nitrogen;

and its pharmacologically acceptable salts and solvates,

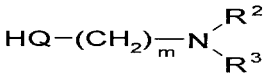
which comprises:

a) ~~condensation of~~ condensing a compound **Ia**:



Ia

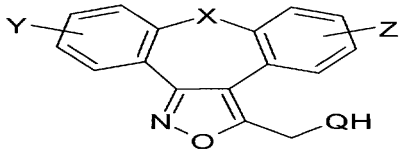
wherein ~~symbols~~ X, Y and Z ~~have the meaning~~ are as defined above, L ~~have the meaning~~ is a leaving group, with an optionally selected alcohol, thioalcohol or amine or with a compound of the formula **IIa**:



IIa

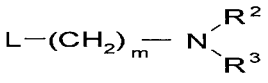
wherein all radicals and symbols have earlier stated meanings;

b) ~~condensation of~~ condensing a compound of the formula **Ib**:



Ib

wherein all symbols have the earlier stated meanings, with a compound of the formula **IIb**:



IIb

wherein the radicals R^2 and R^3 and the symbol m have the earlier stated meanings and symbol L ~~has the meaning of~~ is a suitable leaving group.

10. (Currently Amended) A pharmaceutical composition comprising at least one compound according to claim 1 ~~and~~ or a pharmaceutically acceptable salt or solvate thereof ~~in association with~~ and a pharmaceutically acceptable excipient diluent and/or carrier.

11. (Currently Amended) ~~Use of a compound according to claim 1 for the manufacture of a pharmaceutical formulations for the treatment and prevention of diseases, damages and disorders~~ A method of treating or preventing a disease, damage, or disorder of the central nervous system ~~caused by disorders~~ associated with a disorder of neurochemical equilibrium of biogenic amines or other neurotransmitters comprising administering the dibenzoazulene of claim 1.

12. (Currently Amended) ~~Use according to~~ The method of claim 11, wherein the ~~selected~~ biogenic amine is ~~amines are~~ serotonin, norepinephrine ~~and~~ or dopamine.

13. (Currently Amended) ~~Use according to~~ The method of claim 11, wherein the neurotransmitter is glutamate.

14. (Currently Amended) ~~Use according to claims 11, 12 or 13~~ The method of claim 11 wherein the dibenzoazulene ~~compounds of the general formula I act upon the neurochemical equilibrium by regulating~~ regulates the synthesis, ~~storing, releasing, metabolizing~~ storage, release, metabolism ~~and/or~~ reabsorption, or receptor binding of said biogenic ~~amines~~ amine or ~~neurotransmitters~~ neurotransmitter ~~and binding to their receptors~~.

15. (Currently Amended) ~~Use according to~~ The method of claim 14, wherein the dibenzoazulene ~~compounds of the general formula I show binding affinity~~ binds to a receptor of ~~one or more~~ a biogenic ~~amines~~ amine.

16. (Currently Amended) ~~Use according to~~ The method of claim 15, wherein the dibenzoazulene ~~compounds of the general formula I show a significant binding affinity~~ binds to a serotonin 5-HT_{2A} ~~and~~ or 5-HT_{2C} ~~receptors~~ receptor.

17. (Currently Amended) ~~Use according to~~ The method of claim 16, wherein dibenzoazulene ~~compounds of the general formula I show binding affinity to selected~~ binds to a serotonin 5-HT_{2A} or 5-HT_{2C} ~~receptors~~ receptor with an ~~in a concentration of~~ IC_{50}~~<1μM~~ of less than 1μM.

18. (Currently Amended) ~~Use according to~~ The method of claim 11, wherein the dibenzoazulene ~~compounds of the general formula I ast~~ as binds to a σ1 receptor ~~ligands in a concentration of~~ with an IC_{50}~~<1μM~~ of less than 1 μM ~~by modulating central neurotransmitter system~~.

19. (Currently Amended) ~~Use according to claims 11, 16 or 18,~~ The method of claim 11, wherein the dibenzoazulene ~~compounds of the general formula I show dual binding affinity~~ bind to a σ1 receptor and to at least one serotonin receptor selected from 5-HT_{2A} and 5-HT_{2C}.

20. (Currently Amended) ~~Use according to~~ The method of claim 11, wherein the ~~diseases and disorders~~ disease or disorder of the central nervous system ~~are~~ is selected from the group consisting of anxiety, depression ~~and modest depression~~, bipolar disorders, sleeping disorders, sexual disorders, psychosis, borderline psychosis, schizophrenia, migraine, personality disorders and obsessive-compulsive disorders, social phobia or panic attacks, organic mental disorders in children, aggression, memory disorders and personality disorders in elderly people, addiction, obesity, bulimia and ~~similar~~ other eating disorders, snoring, and premenstrual troubles.

21. (Currently Amended) ~~Use according to~~ The method of claim 11, wherein the ~~damages of~~ damage to the central nervous system ~~are~~ is caused by trauma, brain stroke, neurodegenerative diseases, cardiovascular disorders ~~such as high blood pressure,~~ thrombosis, infarct ~~as well as by~~or gastrointestinal disorders.

22. (Currently Amended) ~~Use according to~~ The method of claim 11, wherein the dibenzoazulene is ~~compounds of the general formula I, pharmaceutically acceptable salts and solvates thereof are~~ selected from the group consisting of:

3-methyl-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;

11-chloro-3-methyl-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;

3-methyl-2,8-dioxa-1-aza-dibenzo[*e,h*]azulene;

3-bromomethyl-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;

3-bromomethyl-11-chloro-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulene;

3-bromomethyl-2,8-dioxa-1-aza-dibenzo[*e,h*]azulene;

dimethyl-[2-(2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-ethyl]-amine;

dimethyl-[3-(2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-propyl]-amine;

dimethyl-[2-(11-chloro-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-ethyl]-amine;

dimethyl-[3-(11-chloro-2-oxa-8-thia-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-propyl]-amine;

dimethyl-[2-(2,8-dioxa-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-ethyl]-amine; and

dimethyl-[3-(2,8-dioxa-1-aza-dibenzo[*e,h*]azulen-3-ylmethoxy)-propyl]-amine; or pharmaceutically acceptable salts and solvates thereof.